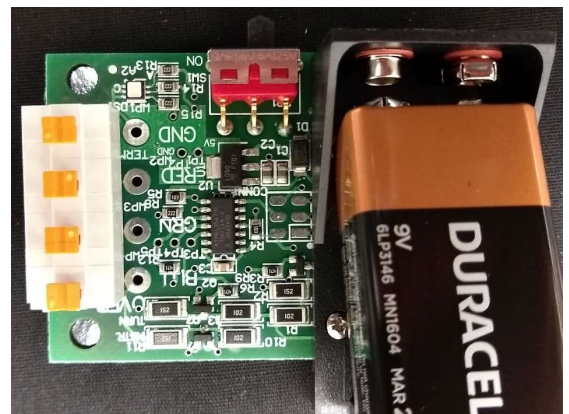
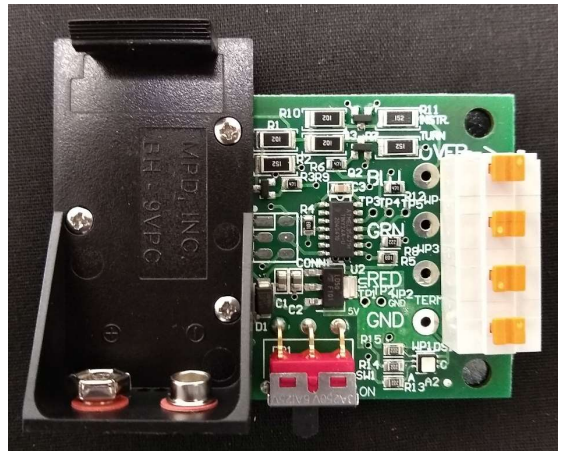


ECL-42-TEST Board for RGB Cove or Color Changing Troffers

The purpose of the ECL-42-TEST board is to “buzz out” a new installation or troubleshoot an existing one. The ECL-42-TEST board substitutes for the ECL-42-01 or ECL-42-02 RGB Driver Box while testing. The test board automatically and continuously sequences the RGB control lines going to the signal filters, and out to the fixtures. The sequence is approximately 4 seconds on and then 4 seconds off for each primary color in turn (Red, Green, Blue, White). This enables one person debugging when troubleshooting. The signals from the test board are able to operate into a shorted line without damage. The ELT600-24U power box must be operational and powered on when using the test board.

The ECL-42-TEST board operates from its own 9V battery. This makes a safe, portable, inherently current limited, RGB control line sequencer. When inserting the battery, angle the battery as shown and pull back slightly on the end support tab. Push the battery down and into the contacts. Place the test board on a non-conducting surface during use. Remove the Blue, Green, Red output wires from TB3, and the Ground (COM) wire from TB2 on the ECL-42 driver board and connect them to the test board. Turn on the switch and check for proper colors at the Cove or CCTroffer fixtures.

The driver box does not need to be powered. When the Cove or CCT fixtures have been verified, then connect the wires back to the driver board. This tester can also substitute for the older ECL-47 keypad when troubleshooting.



Typical RGB Cove System with Color Control

